

ABSTRACT OF THE DISCLOSURE

A high strength, high modulus structural fabric product and the method of manufacturing the product are disclosed. The incorporation of a specific fiber/fabric treatment coupled with a resin impregnation and coating process produces a composite material. This composite material comprises high strength and modulus fibers embedded in and linked to a matrix. The resulting fabric product is useable in the formation of seamed structures, which carry and distribute high-level loads under extreme environmental conditions.